

Converting Colors

XYZ(11.4141, 9.5553, 19.7853)

Have a look what the booklet for
XYZ(11.4141, 9.5553, 19.7853)
contains.

XYZ(11.3828, 9.5066, 19.6474)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.3828, 9.5066,
19.6474)**

Conversions

Conversions Part 1

Format	Color
Hex	634E7A
RGB	99, 78, 122
RGB Percent	39%, 31%, 48%
CMY	0.6118, 0.6941, 0.5216
CMYK	0.19, 0.36, 0.00, 0.52
HSL	269°, 22%, 39%
HSV	269°, 36%, 48%
XYZ	11.3828, 9.5066, 19.6474
YIQ	89.2950, -1.6080, 18.1360

Conversions

Conversions Part 2

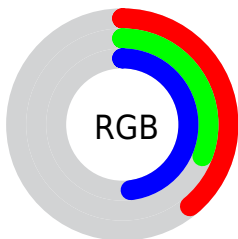
Format	Color
RYB	99, 78, 122
Decimal	6508154
CIELab	36.94, 18.26, -21.74
CIElCh	37, 28.389, 310.028
Yxy	9.5066, 0.2808, 0.2345
Android (android.graphics.Color)	4284698234 (0xFF634E7A)
YUV	89.2950, 16.1236, 8.5113
Hunter-Lab	30.8328, 11.9410, -16.1981

Details

The XYZ color **11.3828, 9.5066, 19.6474** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **13.7019, 17.2361, 9.8130**, and the grayscale version is **9.5268, 10.0229, 10.9149**.

A 20% lighter version of the original color is **27.9049, 24.7579, 43.8654**, and **3.1117, 2.2726, 6.5780** is the 20% darker color. If you saturate the color by 10%, you get **9.9257, 7.5861, 19.3537**, and if you desaturate by 10%, it is **13.0564, 11.7779, 19.9978**.

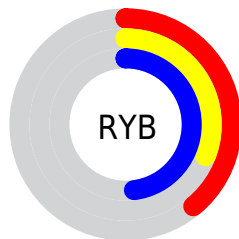
Distribution



Red (39%)

Green (31%)

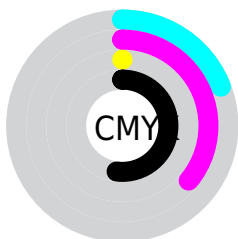
Blue (48%)



Red (39%)

Yellow (31%)

Blue (48%)

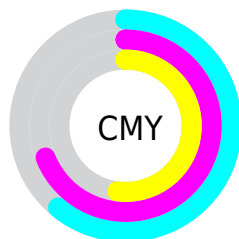


Cyan (19%)

Magenta (36%)

Yellow (0%)

Black (52%)



Cyan (61%)

Magenta (69%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3828, 9.5066, 19.6474 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 11.3828, 9.5066, 19.6474 by changing the saturation by 10% instead.

■ 11.3828, 9.5066,
19.6474

■ 11.3828, 9.5066,
19.6474

194.1298,
187.1134, 262.5406

■ 6.3941, 5.0731,
11.9575

■ 27.9926, 24.8632,
43.6764

■ 3.1291, 2.2902,
6.5925

■ 40.3444, 36.5551,
60.8526

■ 1.2224, 0.7685,
3.1341

■ 55.8814, 51.4353,
82.0279

■ 0.1239, 0.0000,
1.1635

■ 74.9687, 69.8880,
107.6209

■ 0.0000, 0.0000,
0.0000

■ 97.9719, 92.2979,
138.0501

125.2563,

119.0491, 173.7341

157.1871,
150.5261, 215.0914

■ 11.3828, 9.5066,
19.6474

■ 11.3828, 9.5066,
19.6474

■ 9.9257, 7.5861,
19.3537

■ 13.0564, 11.7779,
19.9978

■ 8.6740, 5.9967,
19.1129

■ 14.9550, 14.4160,
20.4069

■ 7.6169, 4.7187,
18.9219

■ 17.0878, 17.4371,
20.8776

■ 6.7422, 3.7295,
18.7771

■ 19.4630, 20.8563,
21.4124

■ 6.0359, 3.0034,
18.6741

■ 22.0887, 24.6876,
22.0135

■ 5.4732, 2.4931,
18.6053

■ 24.9724, 28.9446,
22.6832

■ 5.2709, 2.3115,
18.5809

■ 28.1212, 33.6401,
23.4236

■ 31.5421, 38.7864,
24.2366

■ 35.2417, 44.3953,
25.1243

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9.6358, 9.5066, 23.0713



11.3828, 9.5066, 19.6474



12.5902, 9.5066, 14.0127

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



11.3828, 9.5066, 19.6474



10.2372, 9.5066, 3.6688



6.1052, 9.5066, 12.1255

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



11.3828, 9.5066, 19.6474



13.7019, 17.2361, 9.8130

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



6.2224, 9.5066, 7.3903



11.3828, 9.5066, 19.6474



8.4612, 9.5066, 3.4560

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



11.3828, 9.5066, 19.6474



11.8718, 9.5066, 5.2992



7.0358, 9.5066, 4.5771



6.6917, 9.5066, 17.8880

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



11.3828, 9.5066, 19.6474



12.8449, 9.5066, 10.3464



7.0358, 9.5066, 4.5771



6.0656, 9.5066, 10.3558

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



11.3831, 9.5070, 19.6476



28.0582, 27.8265, 36.2851



11.3543, 12.4235, 20.2121



6.3266, 6.2368, 8.2770



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.3831, 9.5070, 19.6476



17.9521, 13.9829, 34.1457



14.0575, 10.8857, 19.7728



3.9627, 3.9786, 5.0023



5.5398, 2.4286, 19.5621



25.4549, 11.0845, 93.2677

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



13.0998, 10.5264, 13.6539



21.5299, 16.1088, 21.5967



11.5985, 16.1518, 9.7145



4.0776, 4.0468, 4.6065



9.4135, 4.7416, 5.4684



44.4707, 22.4446, 23.8067

Previews

White Background



This preview shows how the XYZ color 11.3828, 9.5066, 19.6474 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 11.3828, 9.5066, 19.6474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

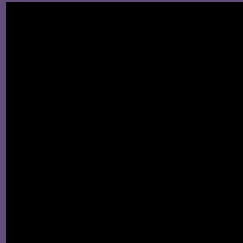
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.3828, 9.5066, 19.6474

Background



This preview shows how black text looks on a background with the XYZ color 11.3828, 9.5066, 19.6474.



This preview shows how white text looks on a background with the XYZ color 11.3828, 9.5066,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

11.3828, 9.5066, 19.6474

Protanopia

9.9717, 9.6306, 21.7554

Deuteranopia

9.6984, 9.5481, 19.1011



Tritanopia

9.6747, 9.4757, 11.2166

Trichromacy



Original Color

11.3828, 9.5066, 19.6474

Protanomaly

10.3388, 9.4867, 21.0249

Deuteranomaly

10.2006, 9.4518, 19.3759

Tritanomaly

10.2394, 9.4807, 13.8607

Monochromacy



Original Color

11.3828, 9.5066, 19.6474

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

10.1117, 9.7637, 13.6636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3828, 9.5066, 19.6474 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(99, 78, 122) looks like.

```
.text, #text, p{  
    color:rgb(99, 78, 122)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(99, 78, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 78, 122) }
```

Border

The CSS property to change the border of an element to XYZ 11.3828, 9.5066, 19.6474 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(99, 78, 122) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(99, 78, 122) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(99, 78, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 78, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 78, 122);  
box-shadow:4px 4px 4px 4px rgb(99, 78,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3828, 9.5066, 19.6474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 78, 122) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(99, 78,  
122) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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